

110TH CONGRESS  
2D SESSION

# S. 2919

To promote the accurate transmission of network traffic identification information.

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## IN THE SENATE OF THE UNITED STATES

APRIL 24, 2008

Mr. STEVENS (for himself, Mr. INOUE, Mr. SMITH, Mr. DORGAN, Mr. THUNE, Mr. PRYOR, and Ms. SNOWE) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

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## A BILL

To promote the accurate transmission of network traffic identification information.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

### 3   **SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “Signaling Moderniza-  
5       tion Act of 2008”.

### 6   **SEC. 2. PHANTOM TRAFFIC.**

7       Title VII of the Communications Act of 1934 (47  
8       U.S.C. 601 et seq.) is amended by adding at the end the  
9       following:

**“SEC. 715. NETWORK TRAFFIC IDENTIFICATION ACCOUNTABILITY STANDARDS.**

“(a) DUTIES OF VOICE COMMUNICATIONS SERVICE PROVIDERS.—A provider of voice communications service shall ensure that all voice communications service traffic that originates on its network contains the signaling information reasonably needed to facilitate intercarrier billing in accordance with industry standards, as determined by the Commission. Except as otherwise permitted by the Commission, a provider that transports or transits traffic between voice communications service providers shall forward without altering the signaling information it receives from another provider that is reasonably needed to facilitate intercarrier billing in accordance with industry standards.

“(b) DEFINITIONS.—In this section:

“(1) VOICE COMMUNICATIONS SERVICE.—

The term ‘voice communications service’ means telecommunications service or IP-enabled voice service.

“(2) IP-ENABLED VOICE SERVICE.—The

term ‘IP-enabled voice service’ means the provision of real-time two-way voice communications offered to the public, or such classes of users as to be effectively available to the public, trans-

1           mitted through customer premises equipment  
2           using Internet protocol, or a successor protocol,  
3           with two-way transmission capability such that  
4           the service can originate traffic to, and termi-  
5           nate traffic from, the public switched telephone  
6           network.”.

7   **SEC. 3. RULEMAKING.**

8           Within 12 months after the date of enactment of this  
9   Act, the Federal Communications Commission shall com-  
10   plete all actions necessary to establish rules and enforce-  
11   ment provisions to implement the requirements of section  
12   715 of the Communications Act of 1934. In determining  
13   the signaling information that is reasonably needed to fa-  
14   cilitate intercarrier billing, the Commission shall consider,  
15   at a minimum—

16           (1) industry standards regarding the transmission of  
17   call detail information;

18           (2) the technical limitations of signaling equipment  
19   used in the industry; and

20           (3) the costs and resources required to modify equip-  
21   ment or procedures to accommodate any changes from in-  
22   dustry standards.

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